



## Glavno

Range	Acti 9
Product name	Acti 9 PRD1 Master
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD1 Master
Device application	Distribution
Poles description	1P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

## Komplementarno

Surge arrester class type	Type 1
Surge arrester technology	Spark gap
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50 Hz 400 V (+/- 10 %) AC 50 Hz
Nominal discharge current	Common mode: 100 kA N/PE Differential mode: 25 kA L/N
[Iimp] impulse current	Common mode: 100 kA N/PE 50 A.s Differential mode: 25 kA L/N 12.5 A.s
[Uc] maximum continuous operating voltage	Common mode: 350 V N/PE Differential mode: 350 V L/N
[Up] voltage protection level	1.5 kV type 2 common mode N/PE 1.5 kV type 2 differential mode L/N
[If] follow current	50 kA differential mode L/N 0.1 kA common mode N/PE
Disconnecter device type	Associated fuse gG 315 A according to standard Associated circuit breaker Compact NSX100F 100 A curve C - Icu 36 kA Associated circuit breaker Compact NSX100N 100 A curve C - Icu 50 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	1 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	90 mm
Width	71.6 mm
Depth	70 mm
Product weight	0.732 kg
Colour	Anthracite grey ( RAL 7016 )
Material	PBT (polybutylene terephthalate)
Response time	< 100 ns
Connections - terminals	Tunnel type terminal, downside 2.5...35 mm <sup>2</sup> Tunnel type terminal, upside 2.5...35 mm <sup>2</sup>
Tightening torque	4.5 N.m

## Okolina

standards	EN 61643-11: 2012 IEC 61643-11: 2011
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product certifications	CE
quality labels	KEMA-KEUR
IP degree of protection	On front face: IP40 conforming to IEC 60529 Built-in: IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 62262
relative humidity	5...90 %
operating altitude	2000 m
ambient air temperature for operation	-25...60 °C
ambient air temperature for storage	-40...80 °C

### Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0601 - Schneider Electric declaration of conformity	Compliant - since 0601 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold

### Contractual warranty

Warranty period	18 months
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